

AMENDMENTS TO THE CLAIMS

Claims 1-17 (canceled).

Claim 18 (previously presented): A copoly (carbosilane and siloxane) elastomer having a high refractive index and optical clarity comprising:

a copolymer having carbosilane repeat units and siloxane repeat units, the carbosilane repeat units each having a carbon chain with 2 to 12 carbon atoms and the siloxane repeat units each being independently selected from the group consisting of dimethylsiloxane and diphenylsiloxane.

Claim 19 (currently amended): The ophthalmic lens of claim ~~[[1]]~~ 18, wherein the copolymer has the structure:

wherein

A is an alkynyl;

R₁, R₂, R₃, and R₄ are each a hydrocarbon group;

Ph is a phenyl;

n is an integer from 10 to 500;

m is an integer from 5 to 100;

o is an integer from 2 to 12; and

p is an integer from 2 to 50.

Claim 20 (previously presented): The elastomer of claim 18 further comprising a platinum catalyst.

Claim 21 (previously presented): The elastomer of claim 18 further comprising a crosslinking agent.

Claim 22 (previously presented): The elastomer of claim 21, wherein the crosslinking agent is a hydrodimethyl-terminated silicone.

Claim 23 (previously presented): The elastomer of claim 18 further comprising a filler that is hexamethyldisilazane-treated silica and silicone resin material.

Claim 24 (previously presented): The elastomer lens of claim 18 further comprising a UV absorbing compound selected from the group consisting of allyl or methallyl functionalized benzotriazoles or benzophenones.

Claim 25 (previously presented): The elastomer of claim 18, wherein the elastomer has a refractive index of at least about 1.43.